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**PATENT** 

## THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Shirin Fatima Dehghan and Mohsen Zadeh-Koochak

For: COMMUNICATION NETWORK AND METHOD FOR SIMULATING OR DESIGNING

THEREOF

Atty. Docket: 71522-0016

Serial No.: 10/539,475 Filed: June 20, 2005

Commissioner for Patents PO Box 1450 Mail Stop Patent Application Alexandria, VA 22313-1450

## **PRELIMINARY AMENDMENT**

Sir:

Prior to examination of this application, kindly amend the above-identified U.S. patent application as follows.

Amendments to the Claims begin on page 2 of this paper.

Remarks begin on page 9 of this paper.